Date:

Time: 11am

Location: Leep 2320

Objective:

Team Members Attended: Anna Ross, Sriya Annem, Kaden Huber, Samantha Adorno, Tanu Sakary, Sabeen Ahmad

Tasks Allocated:

Follow-Up Actions:

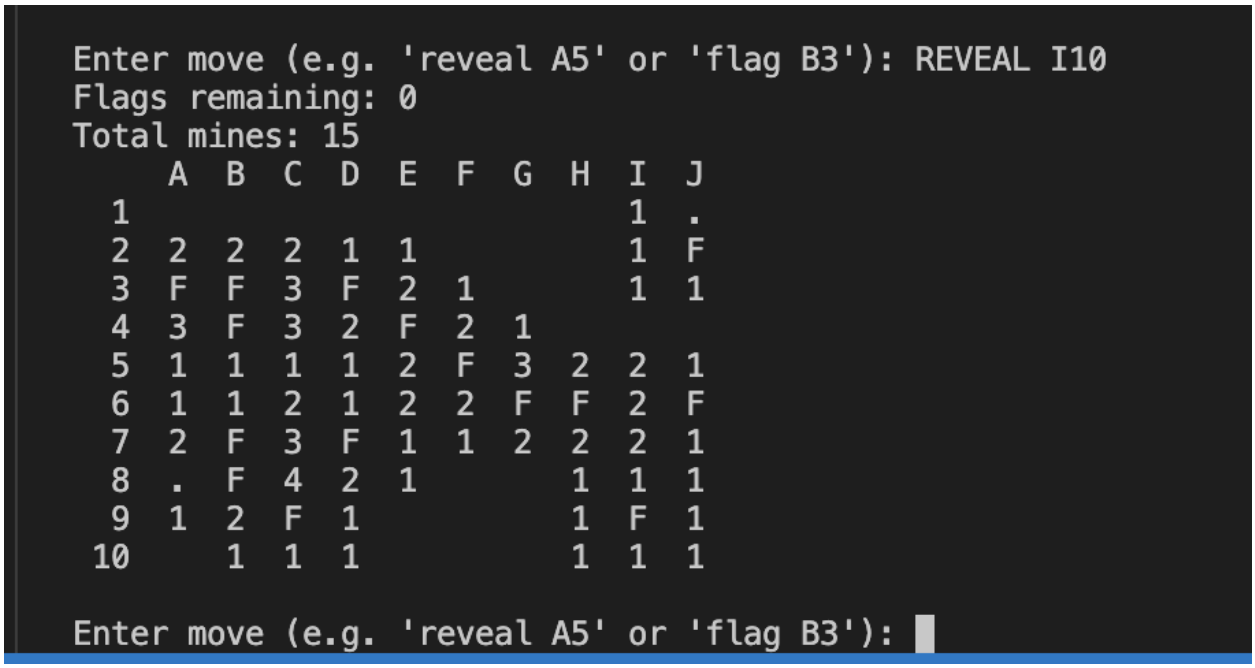
Task Completion Confirmation:

Github Repo Management:

Next Meeting Date:

Today's Notes

- Test cases



- What happens if you uncover a flag
    - currently says you must remove flag
    - ope nevermind Flagged cells cannot be uncovered until unflagged
- win if both flag all mines and uncover all non-mine cells
    - currently need to uncover all non mine cells
    - Win: Achieved by uncovering all non-mine cells without detonating any mines

- Win: Achieved by uncovering all non-mine cells without detonating any mines

- need to do this in the reveal_board function

Input validation

2. Out-of-bounds coordinates

2.1 Uncover `(-1, 0)`, `(0, 10)`, `(10,10)`.

Expect: graceful error/ignored input; no state change.

3. Non-integer / malformed input

3.1 Pass `"3"`, `3.5`, `None`.

Expect: input rejected; no state change.

4. Mine input must be from 10 - 20

Uncovering behavior

4. Uncover already-uncovered cell

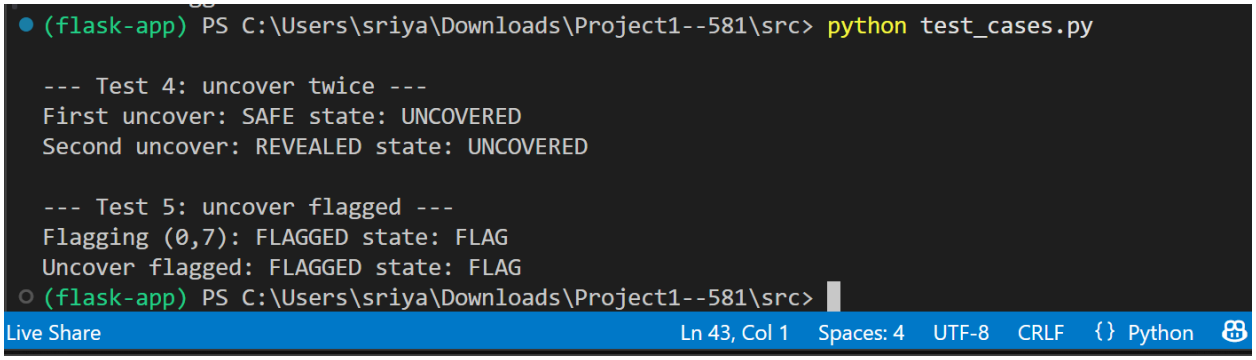
4.1 Pick a safe number cell; uncover twice.

Expect: second call is a no-op; no crash; state unchanged.

5. Uncover a flagged cell

5.1 Flag `(4,4)` then try to uncover `(4,4)`.

Expect: blocked (return code like `FLAGGED`); no uncover.



Test 4 (Uncover twice):

This test checks what happens when you try to uncover a cell that has already been revealed. The first uncover works normally, but the second uncover just returns `"REVEALED"` and leaves the board unchanged.

Test 5 (Uncover flagged):

This test makes sure a flagged cell can't be uncovered by mistake. Once a flag is placed, any attempt to uncover that cell is blocked and the state stays `"FLAG"`.

Flagging rules

6. Flag toggle

6.1 Flag `(2,2)`, then unflag `(2,2)`.

Expect: `flags_remaining` decrements then increments back; cell state flips reliably.

7. Flag count never negative

7.1 Attempt to place more than `mine_total` flags.

Expect: either block extra flags or allow but `flags_remaining` never drops below 0 (choose and enforce one behavior consistently).

8. Flagging an uncovered cell

8.1 Uncover `(3,3)` then try to flag it.

Expect: disallowed; no state change.